***Step 16** (cont.)* **Procedure:** (continued from previous page) Part #143 Match keyways, drill and lead corresponding spoke. Drill the three ½" holes on inside to match.

Step 17 **MIXER:** Sheet #10

Parts: #144 through #151

Materials: $^{3}/_{8}$" street elbow, brass, $^{1}/_{8}$" compression tee, $^{3}/_{8}$" brass pipe x 2", $1^{1}/_{8}$" dia. x 2" brass, $^{3}/_{16}$" dia. x 1" brass, $^{1}/_{8}$" dia. x 1¾" brass.

Procedure: Part #144 the Imperial brass street elbow has a nice flat boss on the sides. If you use another brand, spot-face for jamnut #147. The drilled and tapped holes in street elbow should be in line. Part #146 $^{1}/_{8}$" compression tee: Chuck left side, threaded mandrel or collet, and do all operations concentric. Part #148 complete except #1 center drill. Screw #148 into #146. Set #146 tee at 45 degrees as shown in assembly and drill with #1 center drill into the #56 drill hole. Complete part #145 thread and/or solder knob to needle. Assemble needle into tee using a tubing nut to hold string packing or a $^{1}/_{8}$" x ¼" 'O' ring. Make parts #149 and #150. Assemble these two parts with Loc-tite. Make part #151, choke sleeve. Install roll pin in the $^{1}/_{16}$" hole leaving at least $^{1}/_{8}$" at the bottom. Slip part #151 over part #149/#150, turn until pin stops on flat, mark and drill $^{5}/_{16}$" hole in air tube. Assemble into street elbow #144, using spring #152. Use a good check valve in gas line.

Step 18 **FUEL TANK:** Sheet #10

Part: #152

Materials: 18 Ga. hot or cold rolled steel, $^{3}/_{8}$" x 1" x 1¼" CRS., $^{1}/_{8}$" pipe coupling, $^{3}/_{8}$" x 4½" nipple and $^{3}/_{8}$" union.